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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2008

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 100.00

Complete if Known

Application Number	Patent#: 7282564 B2
Filing Date	Issued: October 16, 2007
First Named Inventor	Craig C. MELLO
Examiner Name	M. Monshipouri
Art Unit	1656
Attorney Docket No.	UMY-052DV1

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: 12-0080 Deposit Account Name: Lahive & Cockfield, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	210	105
Multiple dependent claims	370	185

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)
- 100 = /50 = (round up to a whole number) x =

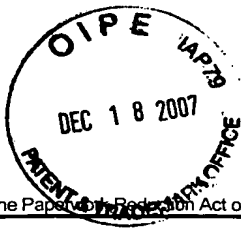
4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1811 Certificate of correction 100.00

SUBMITTED BY

Signature	Registration No. (Attorney/Agent) 46,931	Telephone (617) 994-0781
Name (Print/Type) Debra J. Milasincic, Esq.	Date	December 18, 2007



PTO/SB/21 (10-07)

Approved for use through 10/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	Patent#: 7282564 B2
	Filing Date	Issued: October 16, 2007
	First Named Inventor	Craig C. MELLO
	Art Unit	1656
	Examiner Name	M. Monshipouri
Total Number of Pages in This Submission	Attorney Docket Number	UMY-052DV1

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Request for Certificate of Correction Certificate of Correction Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	LAHIVE & COCKFIELD, LLP		
Signature			
Printed name	Debra J. Milasincic, Esq.		
Date	December 18, 2007	Reg. No.	46,931

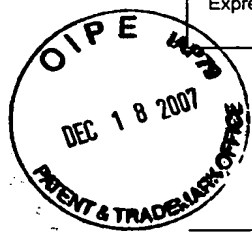
Express Mail Label No. EV 957 646 428 US Dated: December 18, 2007

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Docket No.: UMY-052DV1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Craig C. Mello *et al.*

Patent No.: 7282564 B2

Issued: October 16, 2007

For: RNA INTERFERENCE PATHWAY GENES AS
TOOLS FOR TARGETED GENETIC
INTERFERENCE

Certificate
DEC 26 2007
of Correction

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.323**

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted a typographical error which should be corrected.

In the Specification:

Please delete Column 1, lines 16 through 18, (Statement as to Federally Sponsored Research),

“Funding for the work described herein was provided by the federal government (GM58800 and GM37706), which has certain rights in the invention.” and replace with --Funding for the work described herein was made with government support under grant numbers GM58800 and GM37706, awarded by the National Institutes of Health.—

The error was found in the application as filed by applicant. Please charge our Deposit Account No. 12-0080 in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a).

12/20/2007 WABDELK1 00000001 120080 7282564
01 FC:1811 100.00 DA

The error now sought to be corrected is an inadvertent typographical error the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. UMY-052DV1. A duplicate copy of this paper is enclosed.

Dated: December 18, 2007

Respectfully submitted,

By 

Debra J. Milasincic, Esq.

Registration No.: 46,931

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Attorney/Agent For Applicant

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7282564 B2
APPLICATION NO. : 10/645,746
ISSUE DATE : October 16, 2007
INVENTOR(S) : Craig C. MELLO *et al.*

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, Lines 16 through 18 replace

"Funding for the work described herein was provided by the federal government (GM58800 and GM37706), which has certain rights in the invention."

With

--Funding for the work described herein was made with government support under grant numbers GM58800 and GM37706, awarded by the National Institutes of Health.--

Express Mail Label No. EV 957 646 428 US Dated: December 18, 2007

MAILING ADDRESS OF SENDER:
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Boston, Massachusetts 02109-2127